Gregory G. Skordas (#3865)

Kaytlin V. Beckett (#16257)

SKORDAS, CASTON & HYDE, LLC

560 South 300 East Suite 225

Salt Lake City, UT 84111

Telephone: (801) 531-7444 Facsimile: (801) 665-0128

Attorneys for Defendant

gskordas@schhlaw.com

kbeckett@schhlaw.com

IN THE UNITED STATES DISTRICT COURT DISTRICT OF UTAH, CENTRAL DIVISION

UNITED STATES OF AMERICA,

Plaintiff,

 \mathbf{v} .

AARON MICHAEL SHAMO, et. al.,

Defendant.

NOTICE OF EXPERT DR. TERRI HADDIX

Case No. 2:16-CR-00631 DAK

Judge Dale A. Kimball

The Defendant, Aaron Michael Shamo, through his counsel Gregory G. Skordas and Kaytlin V. Beckett, hereby gives notice of their intent to offer expert testimony through Dr. Terri Haddix.

The nature of that testimony is as follows:Dr. Haddix has reviewed the data and information provided with respect to Count 6 of the Second Superseding Indictment "(Death Resulting Count"). Dr. Haddix is expected to provide testimony as to the causational elements of the Death Resulting Count as well as the specific information relating to the autopsy and forensic examination of R.K.

Dr. Haddix has not, as of the date of this notice, provided a final written report. As soon as one is available it will be made available to the Government. A copy of Dr. Haddix's CV is

attached. Dr. Haddix is available through Defense Counsel to cooperatively consult with the Government.

DATED this 26th day of November, 2018.

SKORDAS, CASTON & HYDE, LLC

/s/ Gregory G. Skordas
Gregory G. Skordas
Attorney for Defendant

CERTIFICATE OF SERVICE

I hereby certify that on the 26th day of November, 2018, I filed a true and correct copy of the foregoing NOTICE OF EXPERT DR. TERRI HADDIX, with the Clerk of the Court using CM/ECF system, which sent notification of such filing to the following:

S. Michael Gadd mgadd@agutah.gov

Vernon G. Stejskal Vernon.stejskal@usdoj.gov

Adam S. Elggren Adam.elggren@usdoj.gov

/s/ Sabrina Nielsen-Legal Secretary
Skordas, Caston & Hyde, LLC



TERRI L. HADDIX SENIOR FORENSIC PATHOLOGIST Curriculum Vitae

PROFESSIONAL EXPERIENCE

Dr. Haddix has worked in the area of forensic pathology for over 20 years. She received forensic pathology training in Seattle, WA and neuropathology training at Stanford. She is board certified in anatomic, forensic and neuropathology. She has performed forensic autopsies in several counties throughout California and has testified as an expert in forensic pathology in both criminal and civil cases.

LICENSURE

- Washington, No. 26810
- California, No. G82165

BOARD CERTIFICATION

- Diplomate, American Board of Pathology
- Anatomic and Forensic Pathology, 9/1997
- Neuropathology, 9/2005

FACULTY POSITIONS

- 8/2012 10/2012: Clinical Associate Professor, Department of Pathology, Stanford University Medical Center, Stanford, CA
- 2006 2012: Clinical Assistant Professor, Department of Pathology, Stanford University Medical Center, Stanford, CA
- 2005 06: Clinical Instructor, Department of Pathology, Stanford University Medical Center, Stanford, CA
- 1999 2012: Assistant Clinical Professor (volunteer faculty), Department of Pathology, University of California, San Francisco, CA
- 1996 1997: Assistant Clinical Professor, Department of Pathology, University of California, San Diego, CA
- 1989 1990: Teaching Associate, Division of Cardiothoracic Surgery, University of Washington, Seattle, WA

EDUCATION

- 1979 1982: Major: Molecular, Cellular and Developmental Biology University of Colorado, Boulder, CO
- 1982 1983: BS, Biology, University of New Mexico, Albuquerque, NM

• 1983 - 1987: MD, graduation with honors, University of Colorado School of Medicine, Denver, CO

POSTGRADUATE TRAINING

- 1987 1989: General Surgery Resident, University of Washington, Seattle, WA
- 1992 1994: Pathology Resident, University of Washington, Seattle, WA
- 1994 1995: Assistant Medical Examiner (Fellowship), King County Medical Examiner's Office, Seattle, WA
- 07/1995 12/1995: Washington State Forensic Pathology Specialist, University of Washington, Seattle, WA
- 2003 2005: Neuropathology Fellow, Stanford University, Stanford, CA

OTHER PROFESSIONAL EXPERIENCE

- 12/2005 -: Forensic Pathologist, Forensic Analytical Crime Lab, Inc., Hayward, CA
- 10/1998 05/2003: Forensic Pathologist, San Mateo County, San Mateo, CA
- 11/1997 09/1998: Assistant Medical Examiner, San Francisco Medical Examiner's Office, San Francisco, CA
- 01/1996 10/1997: Deputy Medical Examiner, San Diego Medical Examiner's Office, San Diego, CA

LOCUM TENENS

- 1999 2005: Monterey County Sheriff-Coroner's Office, Salinas, CA
- 2000 2010: San Luis Obispo County Sheriff-Coroner's Office, San Luis Obispo, CA
- 2000 2003: Santa Barbara County Sheriff-Coroner's Office, Santa Barbara, CA
- 2001 2002: San Joaquin County Sheriff-Coroner's Office, French Camp, CA
- 2002 2003: Western Laboratories Medical Group (contracted with Alameda County Sheriff-Coroner's Office), Oakland, CA
- 2003 2012: Santa Cruz County Sheriff-Coroner's Office, Santa Cruz, CA

PROFESSIONAL ACTIVITIES

• Memberships:

1995 - 2003: National Association of Medical Examiners

1995 - : American Academy of Forensic Sciences Fellow status - 2017

2001 - 2003: South Bay Pathology Society

2014 - : Society of Forensic Engineers and Scientists

Committees:

1999 - 2003: San Mateo County Child Death Review Team

RESEARCH EXPERIENCE

• 1990 - 1992: Research Fellow, Division of Cardiothoracic Surgery, University of Washington, Seattle, WA

PUBLICATIONS:

Journal Articles

- 1. Jack E, Fennelly NK, Haddix T. Leptomeningeal Inflammation in Infant and Fetal Deaths Without Trauma. *Inflammation and Cell Signalling* DOI 10.14800/ics.225. Epub 2014 Sep 11.
- 2. Jack E, Fennelly NK, Haddix T. The inflammatory cellular constituents of foetal and infant leptomeninges: a survey of hospital-based autopsies without trauma. *Childs Nervous System* DOI 10.1007/s00381-013-2348-5. Epub 2014 Jan 9.
- 3. Monje M, Mitra SS, Freret ME, Raveh TB, Kim J, Masek M, Attema JL, Li G, Haddix T, Edwards MS, Fisher PG, Weissman IL, Rowitch DH, Vogel H, Wong AJ, Beachy PA. Hedge-hog responsive candidate cell of origin for diffuse intrinsic pontine glioma. *Proc Natl Acad Sci USA*; 108(11): 4453-8, 2011. doi: 10.1073/pnas.1101657108. Epub 2011 Mar 1.
- 4. Uryu K, Haddix T, Robinson J, et al. Burden of neurodegenerative diseases in a cohort of medical examiners subjects. *J Forensic Sci* 55(3): 642-5, 2010.
- 5. Haddix T, Chang S, Vogel H. A Thirty-five year old with a Dural-based Mass. *Brain Pathol* 17(3): 331-2, 2007.
- 6. Morgan T, Zhao S, Chang K, Haddix T, Domanay E, Cornbleet P, Arber D, Natkunam Y. Low CD27 expression in plasma cell dyscrasias correlates with high risk disease: An immunohistochemical analysis. *Am J Clin Path* 126(4): 545-51, 2006.
- Lim M, Haddix T, Harsh G, Vogel H, Steinberg GK, Guccione S. Characterization of the Integrin αvβ3 in Arteriovenous Malformations and Cavernous Malformations. Cerebrovasc Dis 20: 23-27, 2005.
- 8. Lim M, Guccione S, Haddix T, Sims L, Cheshier S, Chu P, Vogel H, Harsh GH. Avb3 Integin in Central Nervous System Tumors. *Hum Pathol* 36(6): 665-9, 2005.
- 9. Reed W, Walker P, Haddix T, Perkins HL. Acute anemic events in sickle cell disease. *Transfusion* 40: 267-73, 2000.
- 10. Sato TT, Kovacich JC, Boyle EM Jr, Haddix TL, Weintraub A, Pohlman TH. CD14-dependent activation of human endothelial cells by Bacteroides fragilis outer membrane. *J Surg Res* 74(2): 103-11, 1998.
- 11. Logan BK, Fligner CL, Haddix TL. Cause and manner of death in fatalities involving methamphetamine. *J Forensic Sci* 43(1): 28-34, 1998.

- Haddix TL, Harruff RC, Reay DT, Haglund WD. Asphyxial suicides utilizing plastic bags. *Am J Forensic Med Pathol* 17(4): 308-11, 1996.
- 13. Haddix TL, Pohlman TH, Noel RF, Sato TT, Boyle EM Jr., Verrier ED. Hypothermia inhibits human E-selectin transcription. *J Surg Res* 64(2): 176-83, 1996.
- 14. Johnson M, Haddix T, Pohlman T, Verrier E. Hypothermia reversibly inhibits endothelial cell expression of E-selectin and tissue factor. *J Card Surg* 10 (Suppl): 428-35, 1995.
- 15. Deisher TA, Haddix TL, Montgomery KF, Pohlman TH, Kaushanski K, Harlan JM. Role of protein kinase C in the induction of VCAM-1 expression on human umbilical vein endothelial cells. *FEBS Lett* 331(3): 285-90, 1993.
- 16. Peterson VM, Moore EE, Jones TN, Rundus C, Emmett M, Moore FA, McCroskey BL, Haddix T, Parson PE. Total enteral nutrition versus total parenteral nutrition after major torso injury: attenuation of hepatic protein reprioritization. *Surgery* 104(2): 199-207, 1988.
- Peterson VM, Murphy JR, Haddix TL, et al. Identification of novel prognostic indicators in burned patients. *J Trauma* 28(5): 632-7, 1988

Book Chapters

- 1. J-S Koh, U-K Chang and T. Haddix, "Extradural Benign Tumors," Chap. 1 in *Tumors of the Spine*, (Kim, Chang, Kim and Bilsky, Eds.), Saunders Elsevier, Philadelphia, 2008.
- 2. J-S Koh, U-K Chang and T. Haddix, "Cysts and Other Benign Lesions," Chap. 2 in *Tumors of the Spine*, (Kim, Chang, Kim and Bilsky, Eds.), Saunders Elsevier, Philadelphia, 2008.
- 3. J-S Koh, U-K Chang and T. Haddix, "Epidural Malignant Tumors," Chap. 3 in *Tumors of the Spine*, (Kim, Chang, Kim and Bilsky, Eds.), Saunders Elsevier, Philadelphia, 2008.
- 4. J-S Koh, U-K Chang and T. Haddix, "Intradural Extramedullary Benign Tumors," Chap. 4 in *Tumors of the Spine*, (Kim, Chang, Kim and Bilsky, Eds.), Saunders Elsevier, Philadelphia, 2008.
- 5. J-S Koh, U-K Chang and T. Haddix, "Intradural Extramedullary Cystic Lesions," Chap. 5 in *Tumors of the Spine*, (Kim, Chang, Kim and Bilsky, Eds.), Saunders Elsevier, Philadelphia, 2008.
- 6. J-S Koh, U-K Chang and T. Haddix, "Intradural Extramedullary Malignant Tumors," Chap. 6 in *Tumors of the Spine*, (Kim, Chang, Kim and Bilsky, Eds.), Saunders Elsevier, Philadelphia, 2008.
- 7. J-S Koh, U-K Chang and T. Haddix, "Intramedullary Tumors," Chap. 7 in *Tumors of the Spine*, (Kim, Chang, Kim and Bilsky, Eds.), Saunders Elsevier, Philadelphia, 2008.

ABSTRACTS:

- 1. Jack E., Haas E., Haddix T. Evaluation of the Presence and Distribution of Leptomeningeal Inflammation in Cases of Sudden Death in Infancy. Presented at 2016 (February) American Academy of Forensic Sciences meeting, Las Vegas, NV.
- 2. Jack E., Fennelly NK, Haddix T. The Inflammatory Cellular Constituents of Fœtal and Infant Leptomeninges: a survey of hospital-based autopsies without trauma. Presented at British Neuropathological Society, February 2014.
- 3. Jack E, Fennelly NK, Haddix T. The Inflammatory Cellular Constituents of Fœtal and Infant Leptomeninges: a survey of hospital-based autopsies without trauma. Presented at the Irish Society of Surgical Pathology, Cork, Ireland, October 2013.
- 4. Monje, M, Freret M, Kim, J, Masek, M, Mitra, S, Haddix T, Edwards M, Fisher P, Rowitch D, Vogel H, Beachy P. A hedgehog-responsive precursor of the childhood hindbrain as a candidate cell of origin for diffuse intrinsic pontine glioma. Presented at 2011 (April) American Academy of Neurology meeting, Honolulu, HI.
- 5. Haddix T, Monje M, Masek M, Freret M, Fisher P, Vogel H. Supratentorial Extension of Diffuse Intrinsic Pontine Glioma (DIPG). Presented at 2011 (June) American Association of Neuropathologists meeting, Seattle, WA.
- 6. Amato M, Kim A, Peak S, Cullen S, Lando M, Haddix T. Fibrosing infraorbital nerve process masking intracranial malignant peripheral nerve sheath tumor (MPNST). Presented at 2008 (November) American Society of Ophthalmic Plastic and Reconstructive Surgery, Atlanta, GA.
- 7. Miller CR, Haddix T, Dunham CP, Perry A. Clinical significance of prospective molecular genetic analysis of glial neoplasms: the Washington University FISH laboratory experience. Presented at 2007 (April) American Association of Neuropathology meeting, Washington, DC.
- 8. Haddix T, Recht L, Myles T, Leung L, Vogel H. Overexpression of osteopontin (OPN) in glioblastoma multiforme (GBM). Presented at 2005 (June) American Association of Neuropathology meeting, Arlington, VA.
- 9. Pate L, Haddix T, Vogel H. Glioblastoma with remote subcutaneous metastases. Presented at 2005 (June) American Association of Neuropathology metting, Arlington, VA.
- 10. Lim M, Guccione S, Haddix T, Chu P, Vogel H, Steinberg G, Harsh G. Characterization of the integrin ανβ3 expression in arteriovenous malformations and cavernous malformations. Presented at 2005 (February) American Association of Neurological Surgeons meeting (vascular section), New Orleans, LA.
- 11. Lim M, Guccione S, Haddix T, Chu P, Vogel H, Steinberg G, Harsh G. Characterization of the integrin ανβ3 expression in arteriovenous malformations and cavernous malformations. Presented at 2005 Stroke meeting, New Orleans, LA.

- 12. Lim M, Guccione S, Haddix T, Chu P, Vogel H, Steinberg G, Harsh G. Characterization of the integrin ανβ3 expression in arteriovenous malformations and cavernous malformations. Presented at 2005 (April) American Association of Neurological Surgeons meeting, New Orleans, LA.
- 13. Lim M, Guccione S, Haddix T, Chu P, Vogel H, Harsh G. Role of the ανβ3 Integrins in Angiogenesis of CNS Tumors. Presented at 2004 Congress of Neurological Surgeons meeting, San Francisco, CA.
- 14. Haddix T, Prichard J, Warnke R, Vogel H. Primary Hodgkin's Disease in the brain of a HIV-positive adult. Presented at 2004 American Association of Neuropathologists annual meeting, Cleveland, OH.
- 15. Lim M, Guccione S, Haddix T, Homer R, Atlas S, Harsh G. Expression of ανβ3 integrin in Human Glioblastoma Multiforme. Presented at 2004 American Association of Neurological Surgeons, Orlando, FL.
- 16. Haddix TL, Symes SA. Atypical decomposition and power saw dismemberment. Presented at 2003 National Association of Medical Examiners annual meeting, San Jose, CA.
- 17. Haddix TL. Death associated with a portable infusion device. Presented at 2001 National Association of Medical Examiners annual meeting, Richmond, VA.
- 18. Logan BK, Fligner CL, Haddix TL. Cause and manner of death in fatalities involving methamphetamine. Presented at 1998 American Academy of Forensic Sciences annual meeting, San Francisco.
- 19. Logan BK, Fligner CL, Haddix TL. Methamphetamine fatalities in Washington state, 1993-1995: Interpretation of methamphetamine concentrations. Presented at 1997 American Academy of Forensic Sciences annual meeting, New York.
- 20. Haddix TL, Harruff RC, Reay DT, Haglund WD. Asphyxial suicides utilizing plastic bags. Presented at 1995 National Association of Medical Examiners annual meeting, San Diego.
- 21. Harruff RC, Reay DT, Haddix TL, Miller SR, Webster JN, Haglund WD. Correlation of collision dynamics with injuries in traffic fatalities. Presented at 1995 National Association of Medical Examiners annual meeting, San Diego.
- 22. Sato TT, Martin S, Haddix TL, Neil D, Weintraub A, Pohlman TH. Activation of endothelial leukocyte adhesion by *B. fragilis* outer membrane. Presented at the Scientific Session of the 71st Annual Meeting of the American College of Surgeons Committee on Trauma, San Diego, 1993.
- 23. Haddix TL, Montgomery KF, Pohlman TH, Verrier ED. Reversible inhibition of Endothelial Leukocyte Adhesion Molecule 1 (ELAM-1) expression in hypothermic endothelial cells. Presented at Clinical Congress of the American College of Surgeons, Chicago, 1991.

- 24. Peterson VM, Rundus C, Haddix T, Cherry D. Topical cerium nitrate enhances myelopoiesis in a mouse model of thermal injury. Presented at 1988 American Burn Association Meeting, Seattle.
- 25. Peterson VM, Emmett M, Murphy J, Gunther P, Ford P, Haddix T, Bartle E, Mancusi-Ungaro H. Serum group-specific component protein levels predict patient outcome following major thermal injuries. Presented at 1988 American Burn Association Meeting, Seattle.
- 26. Peterson VM, Moore EE, Jones TN, Rundus C, Moore F, McCroskey BL, Haddix TL, Emmett M, Parson PE. Total enteral nutrition versus total parenteral nutrition following major torso injury: Attenuation of hepatic protein reprioritization. Presented at 1988 Society of University Surgeons.